

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## Charge Statement

- Secretary Givens Charge Statement
  - Reorganize the regulations to be more user-friendly to the staff and the regulated community
  - Stream line permit requirements
  - Segregate sections that can be stand alone

## Administrative Changes

- New definitions
- Clarified waste not governed by SW regs
- Clarified waste not subject to permitting, processing and/or disposal standards

## Mandatory Provisions

- Reorganized section
- All SW must be processed or disposed of at a permitted SW facility
- Allows only SW facilities permitted to receive E&P waste to accept it
- Open burning prohibited except as allowed by Air regs

## New Chapters Established

- Previous Subchapter A of Chapter 5 is now new chapter 4 for Administration, Classifications, and Inspection Procedures
- Subchapter A of Chapter 7 is now stand alone Chapter 6
- Geology standards were removed from 709 and made a stand alone Chapter 8

## New Chapters Established

- Fees were removed from Subchapter D of Chapter 5 and made stand alone Chapter 15
- Financial assurance was moved from section 727 and made a stand alone Chapter 13

## Geology Change

- Requirements were outlined and streamlined in 521

- **Standards - Chapter 8**

801 Facility Geology

803 Subsurface Characterization

805 Facility Groundwater Monitoring

## Corrects Error

- Current regulations refer Type I facilities conducting assessment monitoring to sample for 214 sub-title D constituents (metals, volatile and semi-annual organics)
- Draft regulations require site/waste specific constituents

## Boring and Well Construction Requirements

- Incorporates requirements of LDEQ-LDOTD Handbook

## Provides Flexibility

- Allows alternative technologies to be used for logging boreholes

*Examples: Geophysical Logging, Cone Penetrometer*

No exemption required

- Justification must be provided

*Example: ground truth alternative technology*

## Basic Steps in Designing Groundwater Monitoring System

- Drill borings and characterize the geology
- Install piezometers/wells and characterize groundwater flow
- Install monitoring wells & conduct monitoring

## Details a Thorough Characterization?

- Multiple geologic cross sections
- Include screen intervals of monitoring wells and piezometers, excavation levels, etc.
- Isopach maps
- Structure contour maps

## Permit and Enforcement Changes

- Pick up station standards were tightened up
- Municipalities are responsible for siting of PU stations
- E & P waste acceptance language
- Type III facilities clarified by definition and standards
- Yard trash clarified

## Permit and Enforcement Changes

- Solid Waste Operator Certification – Clarification that the department shall set the numbers and levels for operators at SWMF
- Changes also made in Solid Waste Operator Regs

## Engineering Enhancements

- Elimination of exemption requirement for alternate liners
- Natural or synthetic drainage blanket can be used for leachate collection system
- 24 hour/25 year rain event changed to design standards

## Closure and Post Closure

- Height and slope for final cover clarified to provide sufficient drainage
- Notification of Surveillance required prior to planting of ground cover
- Post closure period begins upon department approval
- Notification required if any disturbance or failure to final cover occurs
- Permittee shall request release of closure fund after receiving AA approval of closure.

## Beneficial Use Facility

- Chapter 11
- Structured to be same as outline for LF, SI, etc.
- IT section added
- No substantive changes